

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COLIFF & BERRIDGE, PLC

"P.O. Box 19928

Alexandria, Virginia 22320

Telephone: (703) 836-6400

Facsimile: (703) 836-2787

Attorney Docket No.:	11 <u>64</u> 71	

Date: July 8, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)

Commissioner for Patents P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

冈

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title):

METHOD AND APPARATUS FOR DETECTING CRACKS IN HONEYCOMB

STRUCTURE

Formal drawings (Figs. 1-7; 6 sheets) are attached.

By (Inventors):

Toshihiko HIJIKATA

	Use Figure for front page of Publication.
	A Declaration and Power of Attorney is filed herewith.
	This application claims benefit of Provisional Application No filed
	(A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
\boxtimes	This patent application is assigned to NGK Insulators, Ltd.
	☐ The executed Assignment is filed herewith.
	An Information Disclosure Statement is filed herewith.
	Entitlement to small entity status is hereby asserted.
	A Preliminary Amendment is filed herewith.
\boxtimes	Priority of foreign application(s) No. 2002-204388 filed July 12, 2002 in Japan is claimed (35 U.S.C. §119).
_	A certified copy of the above corresponding foreign application(s) is filed herewith.
	This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies tha
	the invention disclosed in this application has not been and will not be the subject of an application filed in anothe
	country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
\boxtimes	The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA			
BASIC FEE		245 -052			
TOTAL CLAIMS	38 - 20	= 18			
INDEP CLAIMS	NDEP CLAIMS 2 - 3 = 0 *				
☐ MULTIPLE DEPENDENT CLAIMS PRESENTED					

^{*} If the difference is less than zero, enter "0".

SMALL ENTITY					
RATE	FEE	<u>OR</u>			
	\$ 375	<u>OR</u>			
x 9=	\$	<u>OR</u>			
x 42 =	\$	<u>OR</u>			
+ 140 =	\$	<u>OR</u>			
TOTAL	\$	<u>OR</u>			
TOTAL	\$	OR			

OTHER THAN A SMALL ENTITY

RATE	FEE		
No.	\$ 750		
x 18	\$ 324		
x 84	\$		
+ 280	\$_		
TOTAL	\$ 1074		

Check No. 143935 in the amount of \$1074 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC O. Box 19928 Attorney Docket No.: 116471							
Alexandria, Virginia 22320					Date	e: July 8, 20	003
Telephone: (703) 836 Facsimile: (703) 836-							
Customer Number:	25944	NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)					
Commissioner for Pate P.O. Box 1450 Alexandria, VA 2231				·			
Sir:							
Transmitted herewith i	or filing under 37	C.F.R. §1.53(b) is the n	onprovisional p	atent applic	ation		
For (Title):	METHOD AND STRUCTURE	APPARATUS FOR D	ETECTING CR	RACKS IN I	HONEY	СОМВ	
By (Inventors):	Toshihiko HIJIK	CATA					
Formal drawings (Figs. 1-7; 6 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to NGK Insulators, Ltd. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application(s) No. 2002-204388 filed July 12, 2002 in Japan is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below: CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE SMALL ENTITY SMALL ENTITY							
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE
BASIC FEE				\$ 375	<u>OR</u>		\$ 750
TOTAL CLAIMS	38 - 20	= 18	x 9=	\$	<u>OR</u>	x 18	\$ 324
INDEP CLAIMS	2 - 3	= 0 *	x 42 =	\$	<u>OR</u>	x 84	\$
	ENDENT CLAIM		+ 140 =	\$	<u>OR</u>	+ 280	\$
	s less than zero, en 935 in the amount	of $\frac{1074}{1074}$ to cover the	TOTAL filing fee is atta	\$ ched. Excer	OR ot as other	TOTAL erwise noted I	\$ 1074

Check No. 143935 in the amount of \$1074 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OLIFF & BERRIDGE, PLC P.O. Box 19928				Attorney Do	cket No.	.: 116471	
Alexandria, Virginia					Date	: July 8, 20	003
Telephone: (703) 836 Facsimile: (703) 836-							
Customer Number:	25944	NONPROVISIONAL APPLICATION TRANSMITTAL RULE §1.53(b)					
Commissioner for Pate P.O. Box 1450 Alexandria, VA 22313							
Sir:							
Transmitted herewith f	or filing under 37	C.F.R. §1.53(b) is the n	onprovisional p	atent applica	ation		
For (Title):	METHOD AND STRUCTURE	APPARATUS FOR D	ETECTING CR	ACKS IN H	IONEYO	СОМВ	
By (Inventors):	Toshihiko HIJIK	ATA					
Formal drawings (Figs. 1-7; 6 sheets) are attached. Use Figure for front page of Publication. A Declaration and Power of Attorney is filed herewith. This application claims benefit of Provisional Application No filed (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.) This patent application is assigned to NGK Insulators, Ltd. The executed Assignment is filed herewith. An Information Disclosure Statement is filed herewith. Entitlement to small entity status is hereby asserted. A Preliminary Amendment is filed herewith. Priority of foreign application(s) No. 2002-204388 filed July 12, 2002 in Japan is claimed (35 U.S.C. §119). A certified copy of the above corresponding foreign application(s) is filed herewith. This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing. The filing fee is calculated below: CLAIMS IN THE APPLICATION AFTER ENTRY OF ANY PRELIMINARY AMENDMENT NOTED ABOVE OTHER THAN A SMALL ENTITY							
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	<u>OR</u>	RATE	FEE
BASIC FEE	14			\$ 375	<u>OR</u>		\$ 750
TOTAL CLAIMS	38 - 20	= 18	x 9=	\$	<u>OR</u>	x 18	\$ 324
INDEP CLAIMS	2 - 3	= 0 *	x 42 =	\$	<u>OR</u>	x 84	\$
MULTIPLE DEP			+ 140 =	\$	<u>OR</u>	+ 280	\$
* If the difference i		ter "0".	TOTAL	\$	OR	TOTAL	\$ 1074

Check No. 143935 in the amount of \$1074 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

James A. Oliff

Registration No. 27,075

Thomas J. Pardini Registration No. 30,411